PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-220081

(43)Date of publication of application : 11.08.1992

(51)Int.Cl.	HO4N 1/41
	G06F 15/332
	G06F 15/66
	HO4N 7/133

(21)Application number : 02-404051

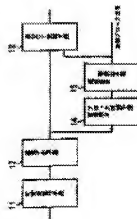(22)Date of filing : 20.12.1990

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(54) METHOD AND DEVICE FOR PICTURE DATA DECODING

(57)Abstract:

PURPOSE: To quicken the processing of data without increasing the circuit scale by quantizing a transformation coefficient obtained through 2-dimension discrete cosine transformation (ADCT) to a gradation of plural picture elements in each of plural blocks each comprising plural picture elements (N ×N) divided from an original picture and decoding a picture from a coding data resulting from coding the obtained quantization coefficient.

CONSTITUTION: In the decoding process comprising a variable length decode means 11 for a coding data, an inverse quantization means 12 and an inverse DCT transformation means 13, when the distribution of a significant coefficient obtained from a DCT coefficient of one block subject to inverse quantization is only a DC component and the DC component is zero, the inverse DCT transformation processing is omitted and all zeros are outputted for picture signals of one block.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]